

FACIT PE 1000

tape reader

for
up to
1000
characters
per
second



FACIT PE 1000

Reliable high-speed reading

is a phrase that typifies the Facit PE 1000 paper tape reader which incorporates benefits gained at Facit from many years of experience. Behind the world-famous reputation of the Facit trade mark lie quality and integrity, two attributes of the Facit PE 1000. It satisfies the most stringent demands that can be placed on modern paper tape readers.

Universal application

Facit PE 1000 design is compatible with nearly all data processing systems. But it finds uses in other fields too — wherever reliable high-speed reading is required.

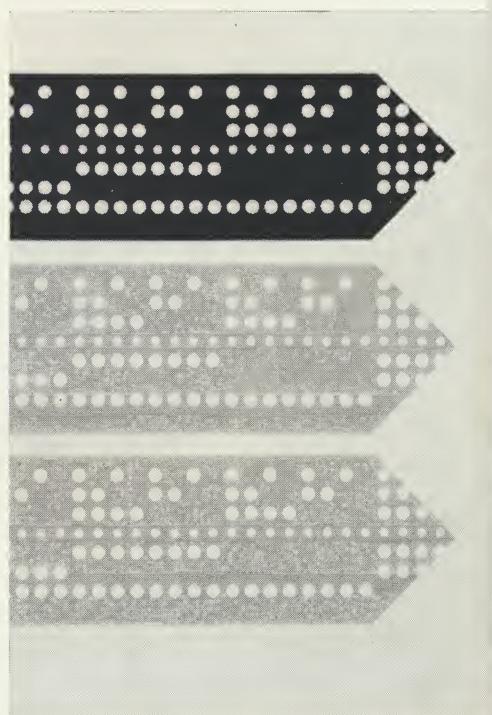
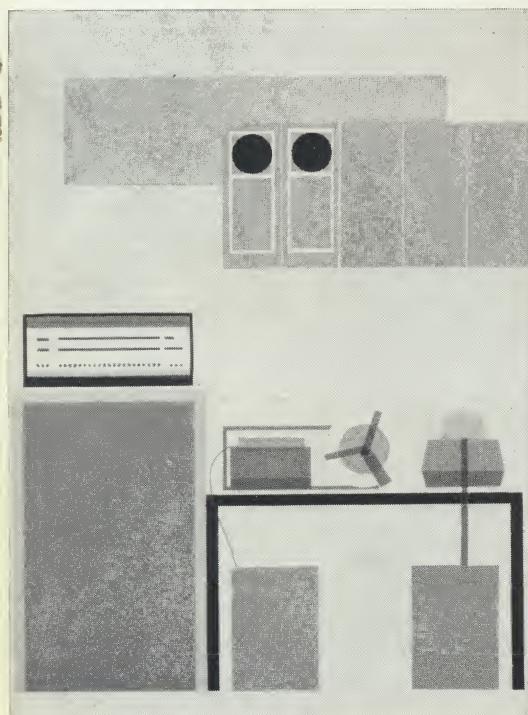


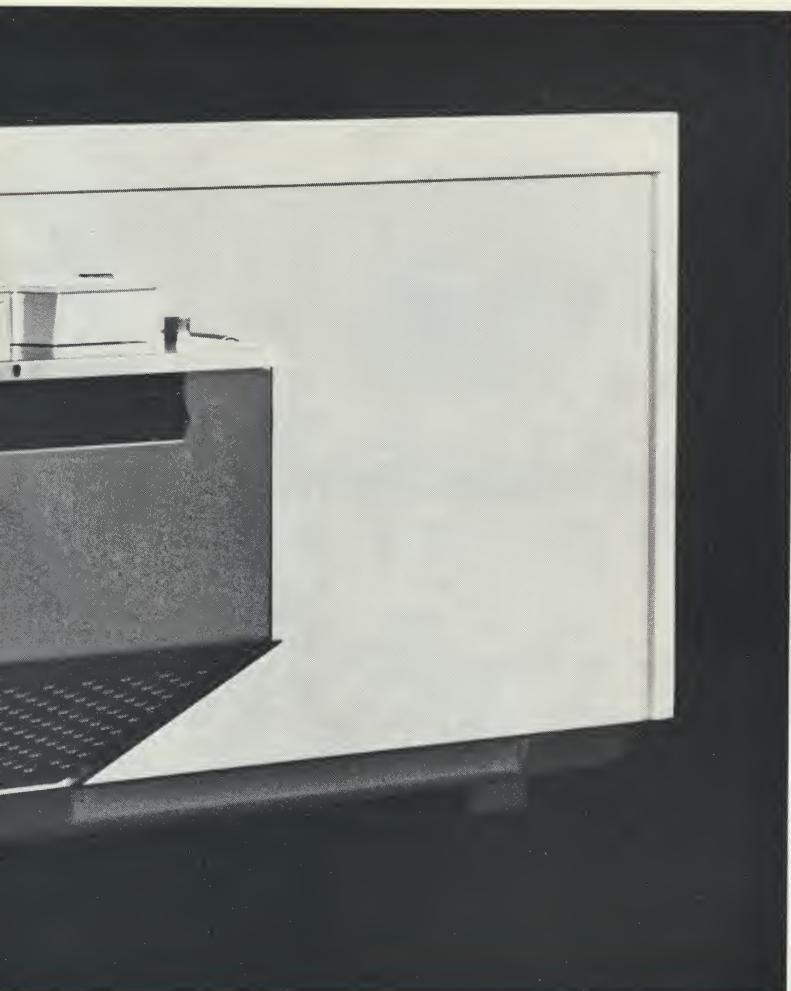
Facit PE 1000 — basic reading unit.

Reading programs and blocks of data directly into data processing systems; off-line read-in to magnetic tape memories, output devices and plotters.

Data transmission.

Duplication of tapes on special equipment, for example Facit PE 1300, which replaces worn tapes and makes conversions between various track-systems, tape materials and codes.





7 imposing features

Flexible — versions for standard or Olivetti tapes, convertible for 5, 6, 7 or 8 tracks, reading and winding at 500 ch/s or 1000 ch/s.

Dielectric reading — radical new design departure eliminates risk of reading mistakes. Reading head contains no components which age. Unaffected by dust, dirt and incident light. Reads all tape colours — even transparent tape.

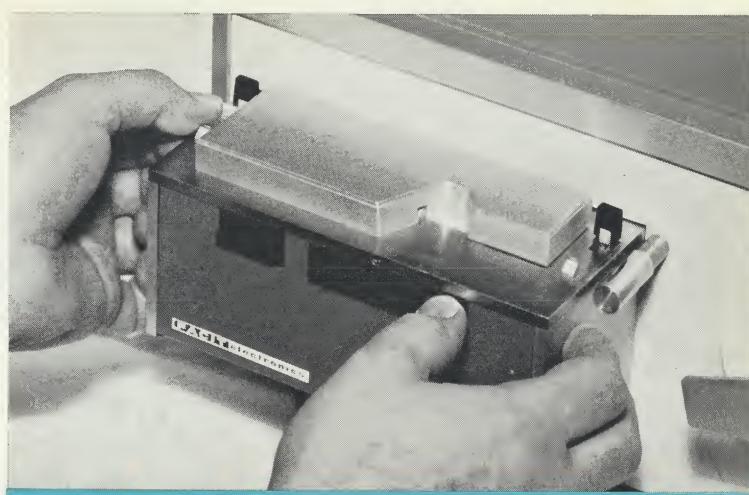
Few movable parts — reliable operation.

Compact, convenient size

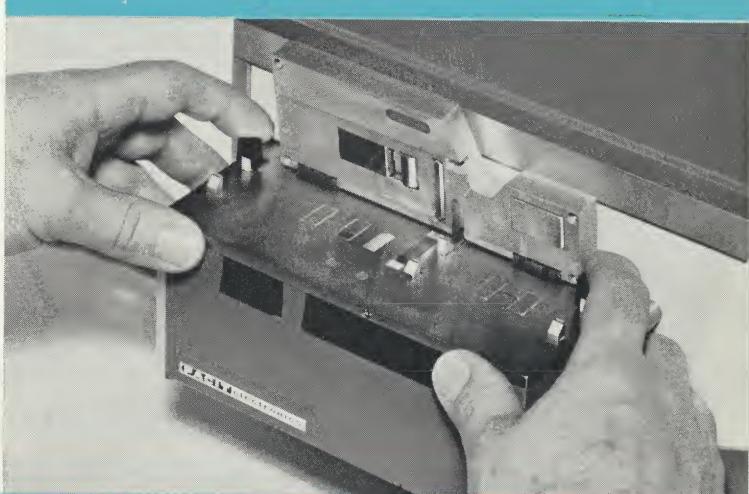
Quiet operation — a hushed whir is all you hear, thanks to solid construction and well-damped mechanical movement.

Converts quickly — with a simple hand motion for different numbers of tracks.
(See fig. 2)

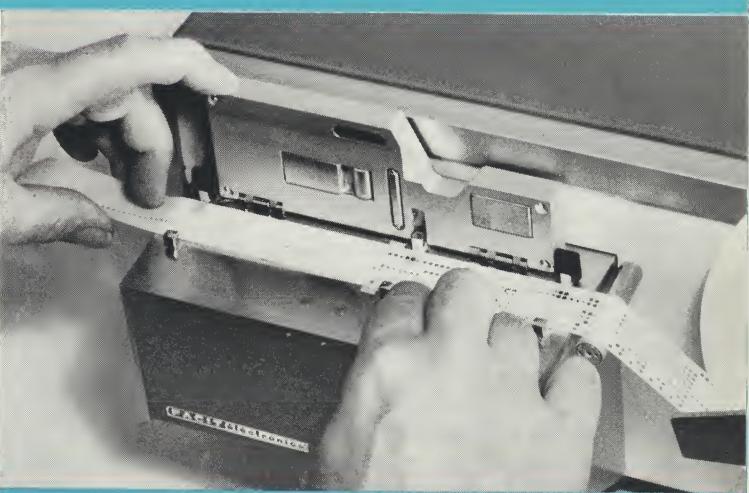
Easy to load — you can load a new reel of tape in approx. 5 seconds.
(See fig. 1—4)



1



2



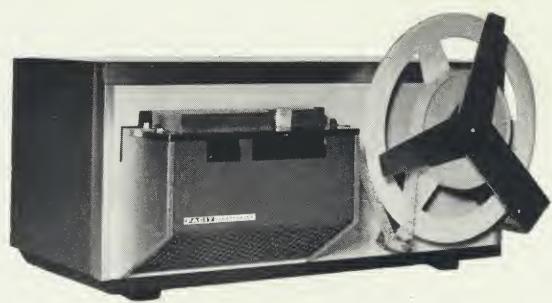
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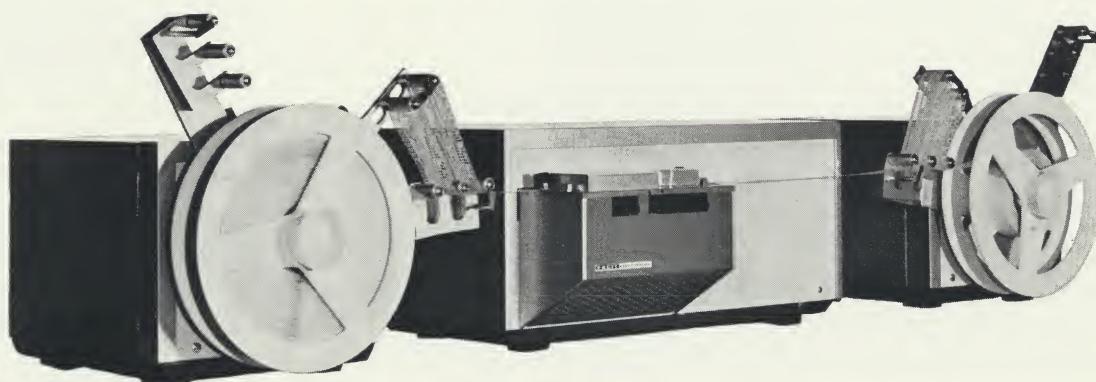
4



1



2



3

1
Facit PE 1000 paper tape reader with Facit PE 1130 arranged for unwinding. Maximum speed 1000 ch/s.

2
Facit PE 1000 paper tape reader with supply wheel permitting operation at maximum speed of 500 ch/s.

3
Facit PE 1000 paper tape reader with Facit PE 1130 wind and unwind equipment. Maximum speed 1000 ch/s.

(ch/s = characters/second)

Data

Type	PE 1001 PE 1004 PE 1005	220 V 50 Hz 5, 6, 7 or 8 tracks 117 V 60 Hz 220 V 50 Hz Olivetti tapes
Tape width	5-track 6 and 7 track 8-track Olivetti	17.5 mm (11/16") 22.2 mm (7/8") 25.4 mm (1") 20.5 mm
Tape thickness		max. 0.15 mm, min. 0.05 mm, max. 0.2 mm at splice
Mains voltage frequency and power		220 V or 115 V. 50 cycles. 60 cycles. 120 Watts.
Reading speed		0—500 or 0—1000 characters per second for standard tapes. Reading speed 0—400 or 0—800 for Olivetti tapes due to increased spacing. Changeover to desired maximum reading speed is made with a selector switch at rear of reader. The reader stops between characters — even at a speed of 1000 characters per second.
Dimensions		Length 430 mm (17") Width 280 mm (11") Height 195 mm (7 3/4")
Output information signals		5—8 tracks and feed-hole track. Negative level at hole.

FACIT



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FACIT PE 1500
High-speed paper tape punch